

FBI CELLULAR ANALYSIS SURVEY TEAM



Cellular Analysis of:

(215) 807-9708 – AT&T

Case #: 192B-AT-3410734

Special Agent Jay Berni

FBI Criminal Investigative Division (CID)



1. Background

The Federal Bureau of Investigation (FBI) Cellular Analysis Survey Team (CAST) was requested by FBI Atlanta Division to analyze cell phone records for (215) 807-9708 (“target cell phone”). The target cell phone is believed to have been utilized by an individual involved in the homicide of Elijah Wood on March 19, 2021 in Watkinsville, Georgia and Anthony Jones on July 17, 2021 in Philadelphia, Pennsylvania.

2. Methodology

An analysis was performed on the call detail records obtained for the target cell phone. The call detail records documented the network interaction to and from the target cell phone. Additionally, the records documented the cell tower and cell sector (“cell site”) which served the cell phone during its activity. Used in conjunction, the call detail records and a list of cell site locations illustrate an approximate location of the target cell phone when it initiated contact with the network.

2.1 Cell Site Locations

Cell sites in existence during the time of the incident were input into mapping software using latitude/longitude coordinates of the cell sites provided by the service provider. The cell sites associated with the target cell phone was located utilizing the mapping software and the plotted cell site data.

3. Conclusions

A historical cell site analysis was performed on the call detail records for the target cell phone. The methods detailed in Sections 2, and 2.1 were used to produce the attached historical cell site analysis maps. The analysis may not describe or depict all events listed in the call detail records.

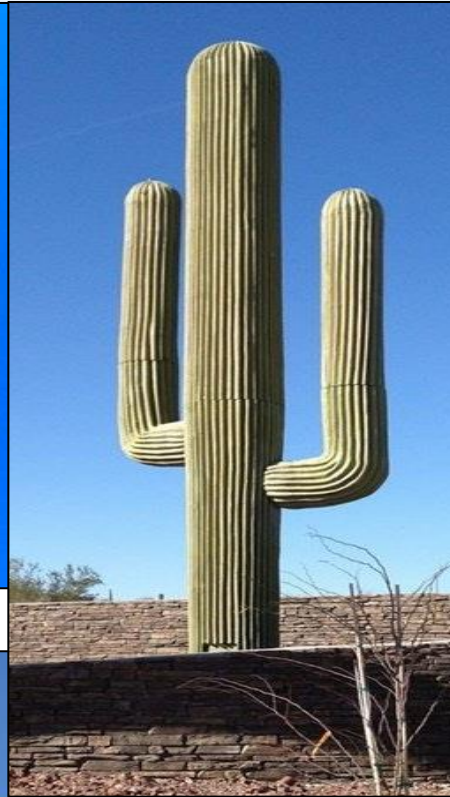
Cell Tower Sectors



Monopole Tower



Lattice Tower



Guy Wire Tower

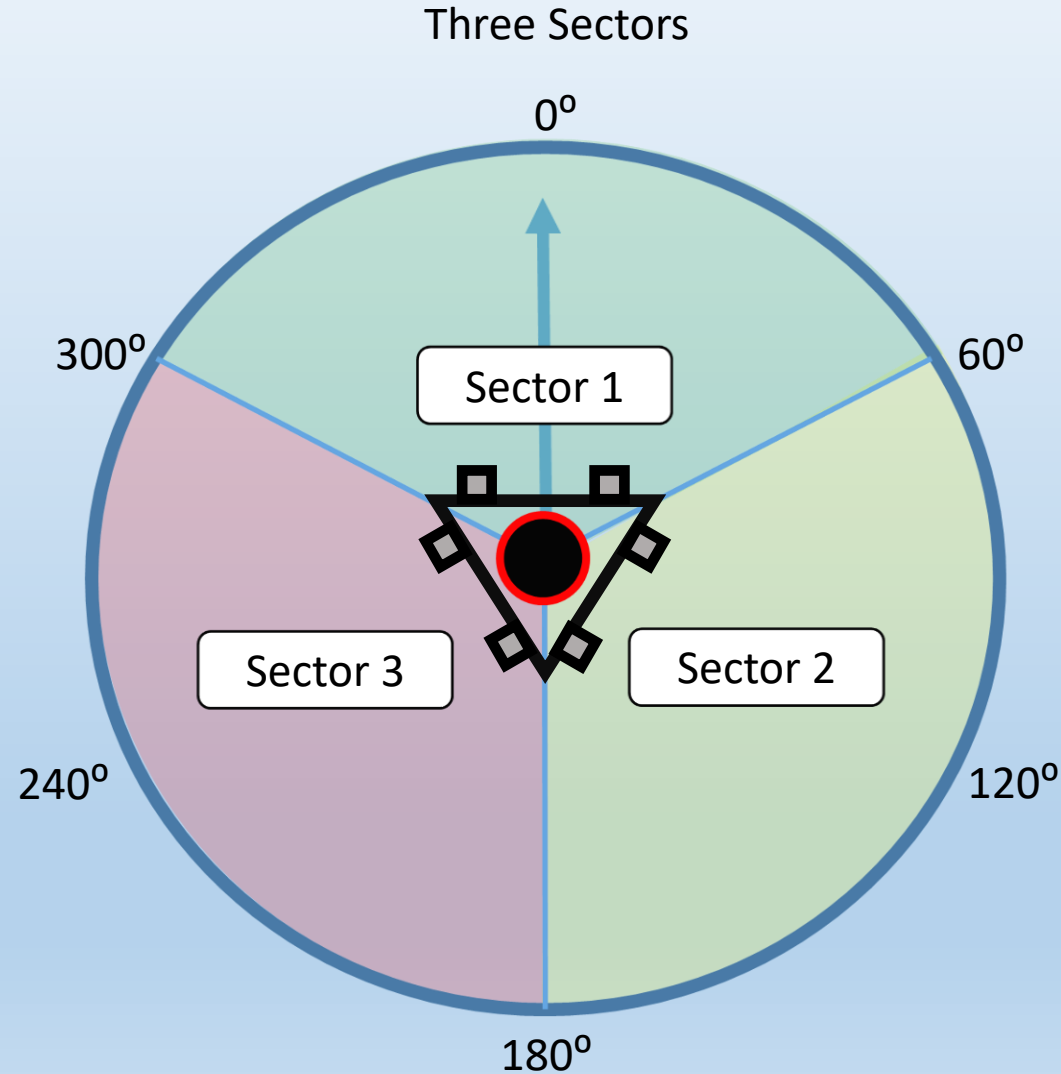


Structural Tower



Concealed Towers

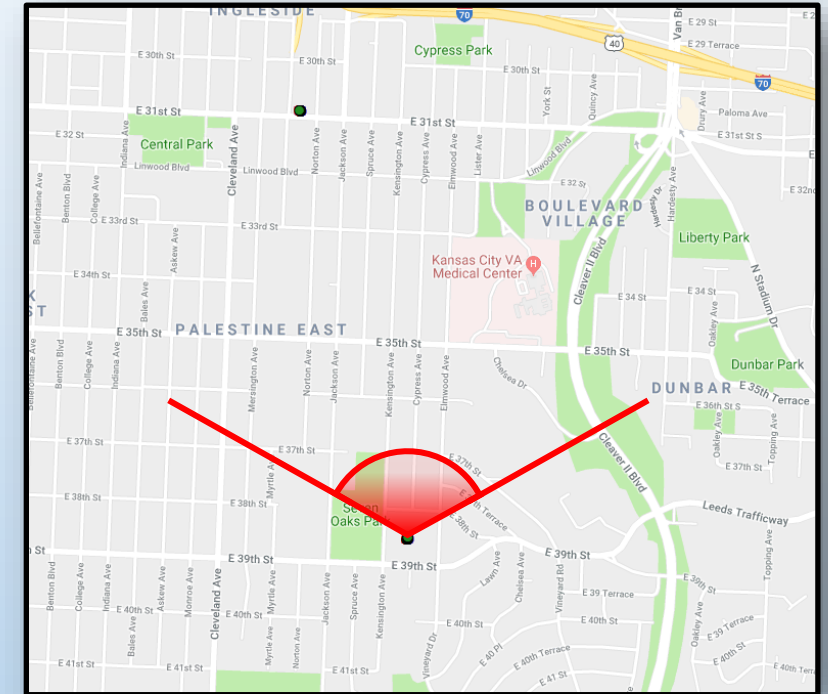
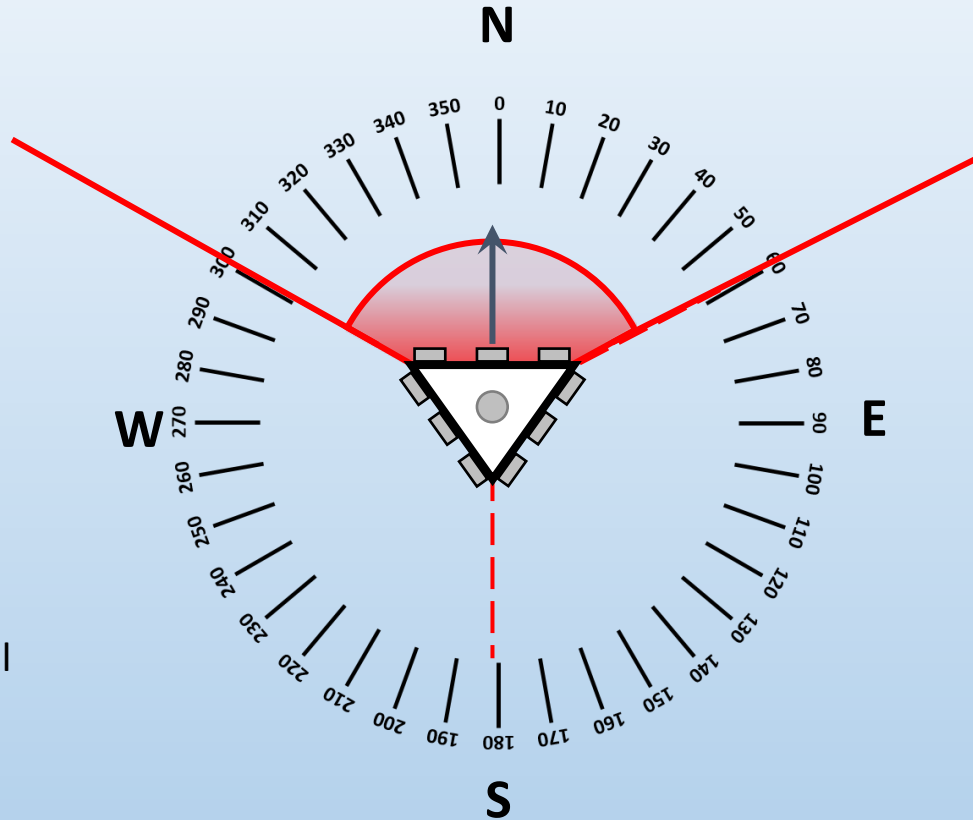
Cell Tower Sectors



- Most cell towers are divided into three equal 120° sectors (there are exceptions).
- Each tower and sector will have a unique identifier which is not duplicated anywhere else in a network.
- The direction that each sector faces is indicated in the tower list as the “Azimuth” or “Orientation”.

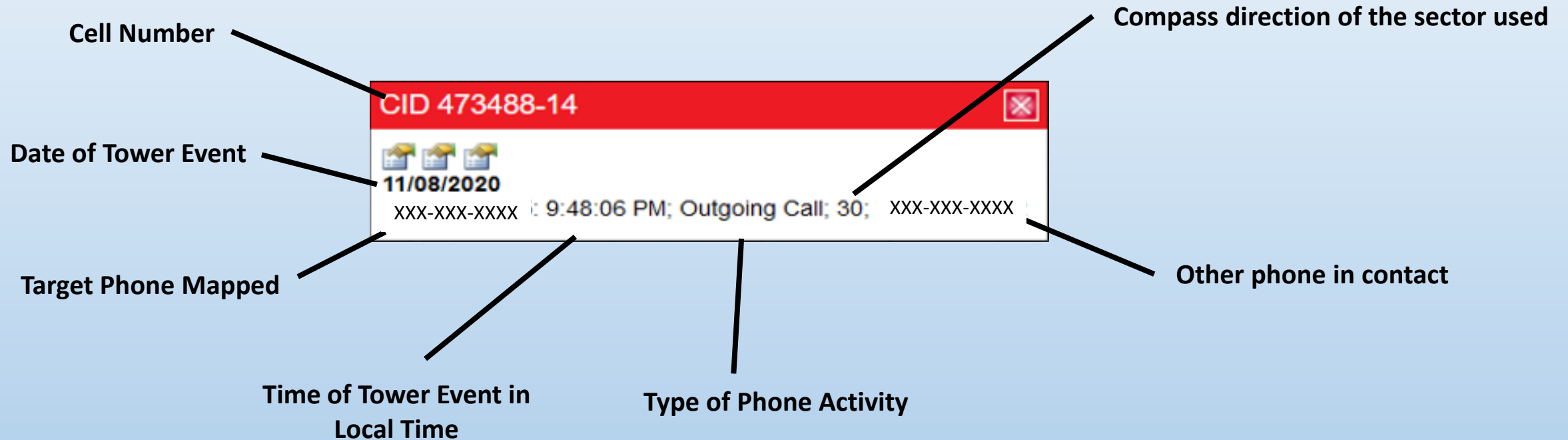
Sector Orientation and Illustrations

- Displayed as a wedge with a shaded arc
- The shaded arc solely indicates the general direction of radio frequency signal
- Sector orientation will vary by cell site and service provider



- When displayed on a map, a sector illustration shows the general area of coverage as it relates to a specific geographic area

Slide Illustrations





Subscriber Information for (215) 807-9708

Case 3:22-cr-00012-TES-CHW Document 101-2 Filed 09/22/23 Page 7 of 12

Page 7

3395757

02/25/2022



WIRELESS SUBSCRIBER INFORMATION

464021086689

Financial Liable Party

Name:	KEIRA CRUMPTON
Credit Address:	4991 PARKSIDE AVE N APT 69, PHILADELPHIA, PA 19131

Customer Since:	04/19/2005	Photo ID Type:		Photo ID State:	
Photo ID Number:		DOB:		SSN/TaxID/FEIN:	

Contact Name:		Contact Home Phone:	(215) 477-4610	Contact Work Phone:	(000) 000-0000
Contact Home Email:	BLCKCOTTEN@gmail.com	Contact Work Email:			

Billing Party

Account Number:	464021086689		
Name:	KEIRA CRUMPTON		
Billing Address:	4991 PARKSIDE AVE N APT 69, PHILADELPHIA, PA 19131		
Account Status:	Active	Billing Cycle:	19

User Information

MSISDN:	(215) 807-9708	IMSI:	310410292549330
MSISDN Active:	09/13/2015 - Current		
Name:	KEIRA CRUMPTON		
User Address:	4991 PARKSIDE AVE N APT 69, PHILADELPHIA, PA 19131		
Service Start Date:	09/13/2015	Dealer Info:	GSNSV GSNSV GSNSV
Payment Type:	Postpaid		
Contact Name:	KEIRA CRUMPTON		
Contact Home Phone:		Contact Work Phone:	
Contact Home Email:	BLCKCOTTEN@gmail.com	Contact Work Email:	

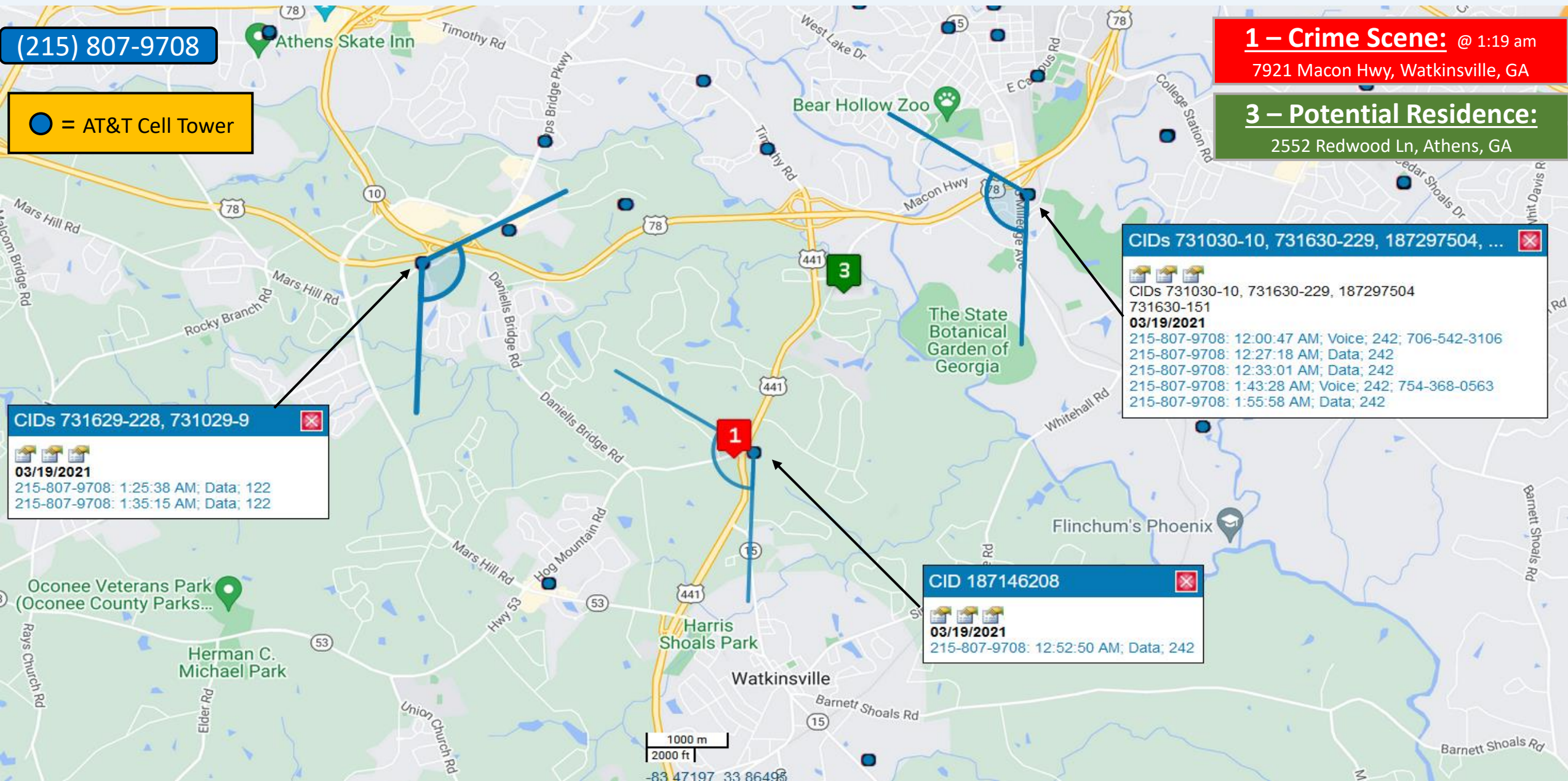
Elijah Wood Homicide

March 19, 2021

12:00 am – 2:00 am



Phone Activity on 3/19/21 between 12:00 am – 1:55 am



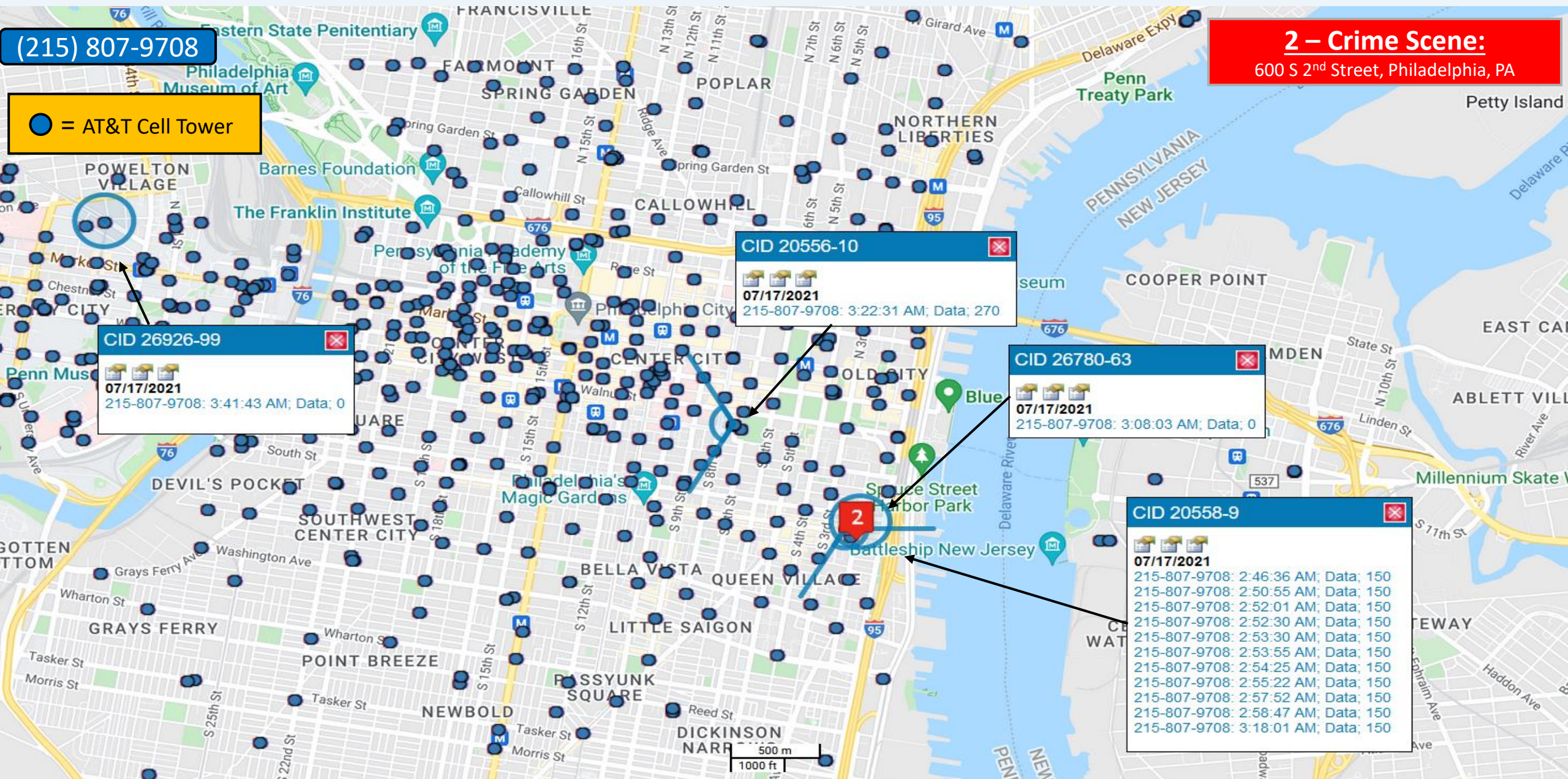
Anthony Jones Homicide

July 17, 2021

2:46 am – 3:41 am



Phone Activity on 7/17/21 between 2:46 am – 3:41 am





End Report